

## Monkey Periostin ELISA Kit | POSTN elisa kit

Monkey Periostin ELISA Kit

CATALOG #  
**AAA17074**

REACTIVITY  
**Monkey**

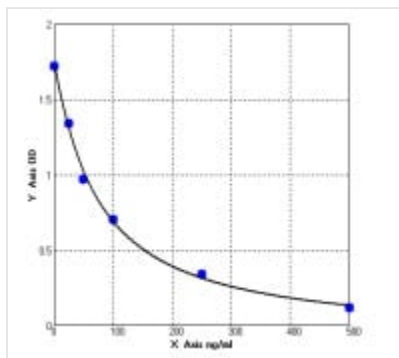
### PRODUCT SYNONYMS

Periostin; Monkey Periostin ELISA Kit; POSTN elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of POSTN. No significant cross-reactivity or interference between POSTN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between POSTN and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for POSTN elisa kit | <p>Principle of the Assay: POSTN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-POSTN antibody and an POSTN-HRP conjugate. The assay sample and buffer are incubated together with POSTN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the POSTN concentration since POSTN from samples and POSTN-HRP conjugate compete for the anti-POSTN antibody binding site. Since the number of sites is limited, as more sites are occupied by POSTN from the sample, fewer sites are left to bind POSTN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The POSTN concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This POSTN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey POSTN. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 209862907                                                                                           |
| NCBI GeneID                      | 10631                                                                                               |
| NCBI Accession #                 | NP_006466.2                                                                                         |
| NCBI GenBank Nucleotide #        | NM_006475.2                                                                                         |
| Molecular Weight                 | 80,357 Da                                                                                           |
| NCBI Official Full Name          | periostin isoform 1                                                                                 |
| NCBI Official Synonym Full Names | periostin, osteoblast specific factor                                                               |
| NCBI Official Symbol             | POSTN                                                                                               |
| NCBI Official Synonym Symbols    | PN; OSF2; OSF-2; PDLPOSTN; periostin                                                                |
| NCBI Protein Information         | periostin; periodontal ligament-specific periostin; osteoblast specific factor 2 (fasciclin I-like) |
| UniProt Protein Name             | Periostin                                                                                           |
| UniProt Gene Name                | POSTN                                                                                               |
| UniProt Synonym Gene Names       | OSF2; PN; OSF-2                                                                                     |
| UniProt Entry Name               | POSTN_HUMAN                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/postn-monkey-elisa-kits/periostin/17074>